



RAW SEQUENCE LISTING

DATE: 07/21/2003

PATENT APPLICATION: US/09/882,781A

TIME: 09:42:45

Input Set : N:\Crf4\07102003\I882781.raw

Output Set: N:\CRF4\07212003\I882781A.raw

1 <110> APPLICANT: Kuhner, Carol H.
2 Romesser, James A.
3 <120> TITLE OF INVENTION: Chemically-Modified Peptides, Compositions, And Methods Of
4 Production And Use
5 <130> FILE REFERENCE: HER0050
6 <140> CURRENT APPLICATION NUMBER: US/09/882,781A
7 <141> CURRENT FILING DATE: 2001-06-15
8 <150> PRIOR APPLICATION NUMBER: 60/212,441
9 <151> PRIOR FILING DATE: 2000-06-16
10 <150> PRIOR APPLICATION NUMBER: PCT/US01/19400
11 <151> PRIOR FILING DATE: 2001-06-15
12 <160> NUMBER OF SEQ ID NOS: 32
13 <170> SOFTWARE: PatentIn version 3.2
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 4
17 <212> TYPE: PRT
18 <213> ORGANISM: Artificial Sequence
19 <220> FEATURE:
20 <223> OTHER INFORMATION: Novel Sequence
21 <400> SEQUENCE: 1
22 Arg Trp Phe Arg
23 1
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27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Novel Sequence
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32 Arg Trp Arg Phe
33 1
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36 <211> LENGTH: 4
37 <212> TYPE: PRT
38 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Novel Sequence
41 <400> SEQUENCE: 3
42 Arg Trp Trp Arg
43 1
45 <210> SEQ ID NO: 4
46 <211> LENGTH: 4
47 <212> TYPE: PRT

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48 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Novel Sequence
51 <400> SEQUENCE: 4
52 Arg Arg Trp Phe
53 1
55 <210> SEQ ID NO: 5
56 <211> LENGTH: 4
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Novel Sequence
61 <400> SEQUENCE: 5
62 Arg Trp Arg Trp
63 1
65 <210> SEQ ID NO: 6
66 <211> LENGTH: 4
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Novel Sequence
71 <400> SEQUENCE: 6
72 Arg Phe Arg Trp
73 1
75 <210> SEQ ID NO: 7
76 <211> LENGTH: 4
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Novel Sequence
81 <400> SEQUENCE: 7
82 Arg Arg Phe Trp
83 1
85 <210> SEQ ID NO: 8
86 <211> LENGTH: 4
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Novel Sequence
91 <400> SEQUENCE: 8
92 Arg Trp Ala Arg
93 1
95 <210> SEQ ID NO: 9
96 <211> LENGTH: 4
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Novel Sequence
101 <400> SEQUENCE: 9

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Input Set : N:\Crf4\07102003\I882781.raw

Output Set: N:\CRF4\07212003\I882781A.raw

102 Arg Trp Tyr Arg
103 1
105 <210> SEQ ID NO: 10
106 <211> LENGTH: 4
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Novel Sequence
111 <400> SEQUENCE: 10
112 Arg Trp Ile Arg
113 1
115 <210> SEQ ID NO: 11
116 <211> LENGTH: 4
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Novel Sequence
121 <400> SEQUENCE: 11
122 Arg Trp Leu Arg
123 1
125 <210> SEQ ID NO: 12
126 <211> LENGTH: 4
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Novel Sequence
131 <400> SEQUENCE: 12
132 Arg Trp Pro Arg
133 1
135 <210> SEQ ID NO: 13
136 <211> LENGTH: 4
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Novel Sequence
141 <400> SEQUENCE: 13
142 Arg Trp Val Arg
143 1
145 <210> SEQ ID NO: 14
146 <211> LENGTH: 4
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Novel Sequence
151 <400> SEQUENCE: 14
152 Arg Trp Cys Arg
153 1
155 <210> SEQ ID NO: 15
156 <211> LENGTH: 4

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Input Set : N:\Crf4\07102003\I882781.raw

Output Set: N:\CRF4\07212003\I882781A.raw

157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
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163 1
165 <210> SEQ ID NO: 16
166 <211> LENGTH: 4
167 <212> TYPE: PRT
168 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Novel Sequence
171 <400> SEQUENCE: 16
172 Arg Trp Ser Arg
173 1
175 <210> SEQ ID NO: 17
176 <211> LENGTH: 4
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
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180 <223> OTHER INFORMATION: Novel Sequence
181 <400> SEQUENCE: 17
182 Arg Trp Thr Arg
183 1
185 <210> SEQ ID NO: 18
186 <211> LENGTH: 4
187 <212> TYPE: PRT
188 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Novel Sequence
191 <400> SEQUENCE: 18
192 Arg Trp Asn Arg
193 1
195 <210> SEQ ID NO: 19
196 <211> LENGTH: 4
197 <212> TYPE: PRT
198 <213> ORGANISM: Artificial Sequence
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200 <223> OTHER INFORMATION: Novel Sequence
201 <400> SEQUENCE: 19
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203 1
205 <210> SEQ ID NO: 20
206 <211> LENGTH: 4
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Novel Sequence

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Input Set : N:\Crif4\07102003\I882781.raw

Output Set: N:\CRF4\07212003\I882781A.raw

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211 <220> FEATURE:
212 <221> NAME/KEY: misc_feature
213 <222> LOCATION: (3)..(3)
214 <223> OTHER INFORMATION: Xaa is a naphthylalanine
215 <400> SEQUENCE: 20
W--> 216      Arg Trp Xaa Arg
      217      1
219 <210> SEQ ID NO: 21
220 <211> LENGTH: 4
221 <212> TYPE: PRT
222 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Novel Sequence
225 <400> SEQUENCE: 21
226      Arg Trp His Arg
227      1
229 <210> SEQ ID NO: 22
230 <211> LENGTH: 4
231 <212> TYPE: PRT
232 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Novel Sequence
235 <400> SEQUENCE: 22
236      Arg Trp Lys Arg
237      1
239 <210> SEQ ID NO: 23
240 <211> LENGTH: 4
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Novel Sequence
245 <400> SEQUENCE: 23
246      Arg Trp Gly Arg
247      1
249 <210> SEQ ID NO: 24
250 <211> LENGTH: 6
251 <212> TYPE: PRT
252 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Novel Sequence
255 <220> FEATURE:
256 <221> NAME/KEY: misc_feature
257 <222> LOCATION: (6)..(6)
258 <223> OTHER INFORMATION: Xaa is any amino acid
259 <400> SEQUENCE: 24
W--> 260      Phe Arg Trp Trp His Xaa
      261      1          5
263 <210> SEQ ID NO: 25
264 <211> LENGTH: 6

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/21/2003
PATENT APPLICATION: US/09/882,781A TIME: 09:42:46

Input Set : N:\Crf4\07102003\I882781.raw
Output Set: N:\CRF4\07212003\I882781A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:20; Xaa Pos. 3
Seq#:24; Xaa Pos. 6
Seq#:25; Xaa Pos. 6
Seq#:26; Xaa Pos. 6
Seq#:27; Xaa Pos. 6
Seq#:28; Xaa Pos. 6,7

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 3

VERIFICATION SUMMARY

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Input Set : N:\Crf4\07102003\I882781.raw

Output Set: N:\CRF4\07212003\I882781A.raw

L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0